

1627



1600

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/746,742A

DATE: 07/19/2002 P.6  
TIME: 14:45:16Input Set : A:\0399.1192-008 seq listing.txt  
Output Set: N:\CRF3\07192002\I746742A.raw

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TECH CENTER 1600/2900

4 <110> APPLICANT: Eckert, Deborah M.  
 5 Chan, David C.  
 6 Malashkevich, Vladimir  
 7 Carr, Peter A.  
 8 Kim, Peter S.  
 10 <120> TITLE OF INVENTION: Inhibitors of HIV Membrane Fusion  
 13 <130> FILE REFERENCE: 0399.1192-008  
 15 <140> CURRENT APPLICATION NUMBER: US 09/746,742A  
 16 <141> CURRENT FILING DATE: 2000-12-21  
 18 <150> PRIOR APPLICATION NUMBER: PCT/US99/17351  
 19 <151> PRIOR FILING DATE: 1999-07-30  
 21 <150> PRIOR APPLICATION NUMBER: US 60/094,676  
 22 <151> PRIOR FILING DATE: 1998-07-30  
 24 <150> PRIOR APPLICATION NUMBER: US 60/100,265  
 25 <151> PRIOR FILING DATE: 1998-09-14  
 27 <150> PRIOR APPLICATION NUMBER: US 60/101,058  
 28 <151> PRIOR FILING DATE: 1998-09-18  
 30 <150> PRIOR APPLICATION NUMBER: US 60/132,295  
 31 <151> PRIOR FILING DATE: 1999-05-03  
 33 <160> NUMBER OF SEQ ID NOS: 71  
 35 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 37 <210> SEQ ID NO: 1  
 38 <211> LENGTH: 33  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Artificial Sequence  
 42 <220> FEATURE:  
 43 <223> OTHER INFORMATION: GCN4-PIQI  
 W--> 46 <221> NAME/KEY: ACETYLTATION  
 47 <222> LOCATION: 1  
 W--> 49 <400> 1  
 50 Arg Met Lys Gln Ile Glu Asp Lys Ile Glu Glu Ile Leu Ser Lys Gln  
 51 1 5 10 15  
 52 Tyr His Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Ile Gly Glu  
 53 20 25 30  
 54 Arg  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 45  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Artificial Sequence  
 63 <220> FEATURE:  
 64 <223> OTHER INFORMATION: IQN17  
 W--> 66 <221> NAME/KEY: ACETYLTATION  
 67 <222> LOCATION: 1

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W--> 69 <221> AMIDATION  
70 <222> LOCATION: 45  
W--> 72 <400> 2  
73 Arg Met Lys Gln Ile Glu Asp Lys Ile Glu Glu Ile Glu Ser Lys Gln  
74 1 5 10 15  
75 Lys Lys Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Leu Gln Leu  
76 20 25 30  
77 Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg Ile Leu  
78 35 40 45  
81 <210> SEQ ID NO: 3  
82 <211> LENGTH: 12  
83 <212> TYPE: PRT  
84 <213> ORGANISM: Artificial Sequence  
86 <220> FEATURE:  
87 <223> OTHER INFORMATION: D-peptide  
90 <400> SEQUENCE: 3  
91 Cys Asp Leu Lys Ala Lys Glu Trp Phe Trp Leu Cys  
92 1 5 10  
95 <210> SEQ ID NO: 4  
96 <211> LENGTH: 12  
97 <212> TYPE: PRT  
98 <213> ORGANISM: Artificial Sequence  
100 <220> FEATURE:  
101 <223> OTHER INFORMATION: D-peptide  
104 <400> SEQUENCE: 4  
105 Cys Glu Ala Arg His Arg Glu Trp Ala Trp Leu Cys  
106 1 5 10  
109 <210> SEQ ID NO: 5  
110 <211> LENGTH: 12  
111 <212> TYPE: PRT  
112 <213> ORGANISM: Artificial Sequence  
114 <220> FEATURE:  
115 <223> OTHER INFORMATION: D-peptide  
118 <400> SEQUENCE: 5  
119 Cys Glu Leu Leu Gly Trp Glu Trp Ala Trp Leu Cys  
120 1 5 10  
123 <210> SEQ ID NO: 6  
124 <211> LENGTH: 12  
125 <212> TYPE: PRT  
126 <213> ORGANISM: Artificial Sequence  
128 <220> FEATURE:  
129 <223> OTHER INFORMATION: D-peptide  
132 <400> SEQUENCE: 6  
133 Cys Leu Leu Arg Ala Pro Glu Trp Gly Trp Leu Cys  
134 1 5 10  
137 <210> SEQ ID NO: 7  
138 <211> LENGTH: 12  
139 <212> TYPE: PRT  
140 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING  
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Input Set : A:\0399.1192-008 seq listing.txt  
Output Set: N:\CRF3\07192002\I746742A.raw

142 <220> FEATURE:  
143 <223> OTHER INFORMATION: D-peptide  
146 <400> SEQUENCE: 7  
147 Cys Ser Arg Ser Gln Pro Glu Trp Glu Trp Leu Cys  
148 1 5 10  
151 <210> SEQ ID NO: 8  
152 <211> LENGTH: 12  
153 <212> TYPE: PRT  
154 <213> ORGANISM: Artificial Sequence  
156 <220> FEATURE:  
157 <223> OTHER INFORMATION: D-peptide  
160 <400> SEQUENCE: 8  
161 Cys Gly Leu Gly Gln Glu Glu Trp Phe Trp Leu Cys  
162 1 5 10  
165 <210> SEQ ID NO: 9  
166 <211> LENGTH: 12  
167 <212> TYPE: PRT  
168 <213> ORGANISM: Artificial Sequence  
170 <220> FEATURE:  
171 <223> OTHER INFORMATION: D-peptide  
174 <400> SEQUENCE: 9  
175 Cys Met Arg Gly Glu Trp Glu Trp Ser Trp Leu Cys  
176 1 5 10  
179 <210> SEQ ID NO: 10  
180 <211> LENGTH: 12  
181 <212> TYPE: PRT  
182 <213> ORGANISM: Artificial Sequence  
184 <220> FEATURE:  
185 <223> OTHER INFORMATION: D-peptide  
188 <400> SEQUENCE: 10  
189 Cys Pro Pro Leu Asn Lys Glu Trp Ala Trp Leu Cys  
190 1 5 10  
193 <210> SEQ ID NO: 11  
194 <211> LENGTH: 12  
195 <212> TYPE: PRT  
196 <213> ORGANISM: Artificial Sequence  
198 <220> FEATURE:  
199 <223> OTHER INFORMATION: D-peptide  
202 <400> SEQUENCE: 11  
203 Cys Val Leu Lys Ala Lys Glu Trp Phe Trp Leu Cys  
204 1 5 10  
207 <210> SEQ ID NO: 12  
208 <211> LENGTH: 11  
209 <212> TYPE: PRT  
210 <213> ORGANISM: Artificial Sequence  
212 <220> FEATURE:  
213 <223> OTHER INFORMATION: D-peptide  
W--> 216 <221> NAME/KEY: VARIANT  
217 <222> LOCATION: 2, 3, 4, 5, 6, 9

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Input Set : A:\0399.1192-008 seq listing.txt

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218 <223> OTHER INFORMATION: Xaa = Any Amino Acid  
W--> 220 <400> 12  
W--> 221 Cys Xaa Xaa Xaa Xaa Xaa Glu Trp Xaa Trp Leu  
222 1 5 10  
225 <210> SEQ ID NO: 13  
226 <211> LENGTH: 35  
227 <212> TYPE: PRT  
228 <213> ORGANISM: Artificial Sequence  
230 <220> FEATURE:  
231 <223> OTHER INFORMATION: N36  
234 <400> SEQUENCE: 13  
235 Ser Gly Ile Val Gln Gln Gln Asn Asn Leu Leu Arg Ala Ile Glu Gln  
236 1 5 10 15  
237 Gln His Leu Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln Ala  
238 20 25 30  
239 Arg Ile Leu  
240 35  
243 <210> SEQ ID NO: 14  
244 <211> LENGTH: 34  
245 <212> TYPE: PRT  
246 <213> ORGANISM: Artificial Sequence  
248 <220> FEATURE:  
249 <223> OTHER INFORMATION: C34  
252 <400> SEQUENCE: 14  
253 Trp Met Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His  
254 1 5 10 15  
255 Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu  
256 20 25 30  
257 Leu Leu  
261 <210> SEQ ID NO: 15  
262 <211> LENGTH: 16  
263 <212> TYPE: PRT  
264 <213> ORGANISM: Artificial Sequence  
266 <220> FEATURE:  
267 <223> OTHER INFORMATION: D-peptide  
270 <400> SEQUENCE: 15  
271 Lys Lys Gly Ala Cys Gly Leu Gly Gln Glu Glu Trp Phe Trp Leu Cys  
272 1 5 10 15  
275 <210> SEQ ID NO: 16  
276 <211> LENGTH: 16  
277 <212> TYPE: PRT  
278 <213> ORGANISM: Artificial Sequence  
280 <220> FEATURE:  
281 <223> OTHER INFORMATION: D-peptide  
284 <400> SEQUENCE: 16  
285 Lys Lys Gly Ala Cys Glu Leu Leu Gly Trp Glu Trp Ala Trp Leu Cys  
286 1 5 10 15  
289 <210> SEQ ID NO: 17  
290 <211> LENGTH: 18

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Input Set : A:\0399.1192-008 seq listing.txt

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291 <212> TYPE: PRT  
292 <213> ORGANISM: Artificial Sequence  
294 <220> FEATURE:  
295 <223> OTHER INFORMATION: D-peptide  
298 <400> SEQUENCE: 17  
299 Lys Lys Lys Lys Gly Ala Cys Glu Leu Leu Gly Trp Glu Trp Ala Trp  
300 1 5 10 15  
301 Leu Cys  
305 <210> SEQ ID NO: 18  
306 <211> LENGTH: 16  
307 <212> TYPE: PRT  
308 <213> ORGANISM: Artificial Sequence  
310 <220> FEATURE:  
311 <223> OTHER INFORMATION: D-peptide  
314 <400> SEQUENCE: 18  
315 Lys Lys Gly Ala Cys Met Arg Gly Glu Trp Glu Trp Ser Trp Leu Cys  
316 1 5 10 15  
319 <210> SEQ ID NO: 19  
320 <211> LENGTH: 18  
321 <212> TYPE: PRT  
322 <213> ORGANISM: Artificial Sequence  
324 <220> FEATURE:  
325 <223> OTHER INFORMATION: D-peptide  
328 <400> SEQUENCE: 19  
329 Lys Lys Gly Ala Cys Pro Pro Leu Asn Lys Glu Trp Ala Trp Leu Cys  
330 1 5 10 15  
331 Ala Ala  
335 <210> SEQ ID NO: 20  
336 <211> LENGTH: 17  
337 <212> TYPE: PRT  
338 <213> ORGANISM: Artificial Sequence  
340 <220> FEATURE:  
341 <223> OTHER INFORMATION: portion of N-peptide region of HIV gp41  
344 <400> SEQUENCE: 20  
345 Leu Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg Ile  
346 1 5 10 15  
347 Leu  
351 <210> SEQ ID NO: 21  
352 <211> LENGTH: 24  
353 <212> TYPE: PRT  
354 <213> ORGANISM: Artificial Sequence  
356 <220> FEATURE:  
357 <223> OTHER INFORMATION: 24 Residues from the N- Terminal of N26  
360 <400> SEQUENCE: 21  
361 Ser Gly Ile Val Gln Gln Gln Asn Asn Leu Leu Arg Ala Ile Glu Ala  
362 1 5 10 15  
363 Gln Gln His Leu Leu Gln Leu Thr  
364 20  
367 <210> SEQ ID NO: 22

Input Set : A:\0399.1192-008 seq listing.txt  
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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; Xaa Pos. 2,3,4,5,6,9  
Seq#:23; Xaa Pos. 2  
Seq#:24; Xaa Pos. 3  
Seq#:28; Xaa Pos. 1,2,4,5,6,7,8,11,15,16  
Seq#:29; Xaa Pos. 3,4,6,7,8,9,10,13,17,18  
Seq#:30; Xaa Pos. 5,6,8,9,10,11,12,15,19,20  
Seq#:31; Xaa Pos. 1,2,4,5,6,7,8,11,15,16,17  
Seq#:32; Xaa Pos. 3,4,6,7,8,9,10,13,17,18,19  
Seq#:33; Xaa Pos. 5,6,8,9,10,11,12,15,19,20,21  
Seq#:42; Xaa Pos. 3,9,11,14,16,17  
Seq#:54; Xaa Pos. 4,5,6,7,8,11  
Seq#:55; Xaa Pos. 6,7,8,9,10,13  
Seq#:56; Xaa Pos. 8,9,10,11,12,15  
Seq#:57; Xaa Pos. 1,2,4,5,6,7,8,11,15,16  
Seq#:58; Xaa Pos. 3,4,6,7,8,9,10,13,17,18  
Seq#:59; Xaa Pos. 5,6,8,9,10,11,12,15,19,20  
Seq#:60; Xaa Pos. 1,2,4,5,6,7,8,11,15,16,17  
Seq#:61; Xaa Pos. 3,4,6,7,8,9,10,13,17,18,19  
Seq#:62; Xaa Pos. 5,6,8,9,10,11,12,15,19,20,21  
Seq#:63; Xaa Pos. 2,3,4,5,6,9  
Seq#:69; Xaa Pos. 2,3,4,5,6,9

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Input Set : A:\0399.1192-008 seq listing.txt

Output Set: N:\CRF3\07192002\I746742A.raw

L:46 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:49 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1  
L:66 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:69 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2  
L:72 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2  
L:216 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:220 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:12  
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:396 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:400 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:23  
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:414 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:418 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:24  
L:419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:479 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:483 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:28  
L:486 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:28  
L:489 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:28  
L:490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:503 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:507 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:29  
L:510 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:29  
L:513 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:29  
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0  
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:16  
L:529 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:533 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:30  
L:536 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:30  
L:539 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:30  
L:540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:16  
L:555 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:559 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:31  
L:562 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:31  
L:565 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:31  
L:566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:16  
L:581 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:585 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:32  
L:588 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:32  
L:591 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:32  
L:592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:16  
L:607 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:611 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:33  
L:614 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:33  
L:617 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:33  
L:618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0

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Input Set : A:\0399.1192-008 seq listing.txt

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L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:16  
L:633 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:636 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:34  
L:639 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:34  
L:653 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:656 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:659 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35  
L:673 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:676 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36  
L:679 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36  
L:693 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:696 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:37  
L:699 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:37  
L:713 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:716 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:38  
L:719 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:38  
L:735 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:738 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:39  
L:741 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:39  
L:757 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:760 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:40  
L:763 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:40  
L:779 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:782 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:41  
L:785 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:41  
L:801 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:805 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:42  
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:16  
L:821 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:824 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:43  
L:827 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:43  
L:843 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:846 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:44  
L:849 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:44  
L:863 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:866 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:45  
L:869 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:45  
L:885 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:888 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:46  
L:891 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:46  
L:907 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:910 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:47  
L:927 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:949 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:971 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:991 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1013 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1033 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!



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Input Set : A:\0399.1192-008 seq listing.txt

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L:1055 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0  
 L:1079 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0  
 L:1105 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0  
 L:1131 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0  
 L:1155 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
 L:1168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:16  
 L:1181 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
 L:1194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:16  
 L:1207 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0  
 L:1220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:16  
 L:1233 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
 L:1246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:16  
 L:1259 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0  
 L:1272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:16  
 L:1286 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0  
 L:1304 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1326 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1364 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1386 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1407 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0  
 L:1427 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:1443 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!